



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Group Art Unit 3746

*LFW*

Patent Application of

Robert M. Koehl

Application No. 10/730,747

Confirmation No.: 2653

Filed: December 8, 2003

Examiner: Not Yet Known

"PUMP CONTROL SYSTEM AND  
METHOD"

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR §1.97(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Examiner's attention is directed to the references that are listed on the attached Forms PTO/SB/08A and PTO/SB/08B. Copies of the Non-Patent Literature documents are attached. Citation of these references is respectfully requested. No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,

*Raye Lynn Daugherty*

Raye L. Daugherty  
Reg. No. 47,933

File No. 085455-9455-00

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100 East Wisconsin Avenue  
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I, Maryann Wiczorek, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.

*Maryann Wiczorek*  
Signature

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*10/14/04*

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/730,747
				Filing Date	December 8, 2003
				First Named Inventor	Robert M. Koehl
				Group Art Unit	3746
Examiner Name	Not Yet Known				
Sheet	1	of	1	Attorney Docket Number	085455-9455-00

## U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	4,494,180	Streater et al.	1/15/1985
	4,703,387	Miller	10/27/1987
	5,158,436	Jensen et al.	10/27/1992
	5,580,221	Triezenberg	12/3/1996
	5,598,080	Jensen et al.	1/28/1997
	5,614,812	Wagoner	3/25/1997
	6,208,112	Jensen et al.	3/27/2001
	6,264,431	Triezenberg	7/24/2001
	6,326,752	Jensen et al.	12/4/2001
	6,373,728	Aarestrup	4/16/2002
	6,548,976	Jensen et al.	4/15/2003

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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				Application Number	10/730,747
				Filing Date	December 8, 2003
				First Named Inventor	Robert M. Koehl
				Group Art Unit	3746
				Examiner Name	Not Yet Known
Sheet	1	of	3	Attorney Docket Number	085455-9455-00

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc. ), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		Brochure from the Grundfos Pumps Corporation entitled "The New Standard in Submersible Pumps," June 1999.
		Grundfos SQ/SQE Data Book, June 1999.
		Goulds Pumps brochure entitled "Balanced Flow System," 2001.
		"Balanced Flow Submersible System" Installation, Operation and Trouble-Shooting Manual, Goulds Pumps, 2000.
		Undated Goulds Pumps pamphlet entitled "Balanced Flow Submersible System" Informational Seminar.
		Goulds Pumps "Balanced Flow System" Variable Speed Submersible Pump specification sheet, January 2000.
		Advertisement from "Pumps & Systems Magazine," entitled "Cost Effective Pump Protection + Energy Savings," for Goulds Pumps, January 2002.
		Goulds Pumps "Hydro-Pro Water System Tank" Installation, Operation and Maintenance Instructions, March 31, 2001.
		Undated Goulds Pumps "Balanced Flow Systems" Installation Record.

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Sheet	2	of	3	Attorney Docket Number	085455-9455-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc. ), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		Advertisement from "Industrial Equipment News," for Goulds Pumps "Pumpsmart" Control Solutions, August 2002.
		Goulds Pumps, Model BFSS List Price Sheet, February 5, 2001.
		Goulds Pumps, "Balanced Flow System," Model BFSS Variable Speed Submersible Pump System brochure, January 2001.
		Goulds Pumps, "Balanced Flow System," Model BFSS Variable Speed Submersible Pump brochure, January 2000.
		Undated advertisement for Goulds Pumps "Balanced Flow System," entitled "The Future of Constant Pressure Has Arrived!"
		Brochure for AMTROL, Inc. entitled "AMTROL unearths the facts about variable speed pumps and constant pressure valves," March 2002.
		Franklin Electric Product Data sheet entitled "CP Water - Subdrive 75 Constant Pressure Controller," May 2001.
		Franklin Aid, Franklin Electric, Vol. 20, No. 1, January/February 2002.
		Undated brochure entitled "SQ/SQE - a new standard in submersible pumps," by Grundfos.

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Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc. ), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		Undated brochure entitled "JetpaQ - the COMPLETE Pumping System," from Grundfos.
		Email regarding Grundfos' Price Increases/New SQ/SQE Curves, dated December 19, 2001.
		Brochure entitled "Constant Pressure Water for Private Well Systems," for Myers Pentair Pump Group, June 28, 2000.
		Article entitled "Water Pressure Problems," "The American Well Owner," Number 2, July 21, 2000.
		SOERENSEN, BJARKE, "Have You Chatted With Your Pump Today?" Article reprinted with permission from Grundfos Pump University.
		Article entitled "Understanding Constant Pressure Control," dated November 1, 1999.
		Article entitled "Constant Pressure Is the Name of the Game," National Driller, March 2001.

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